

# Poly® E Series Expansion Module

## Expansion Module Administrator Guide



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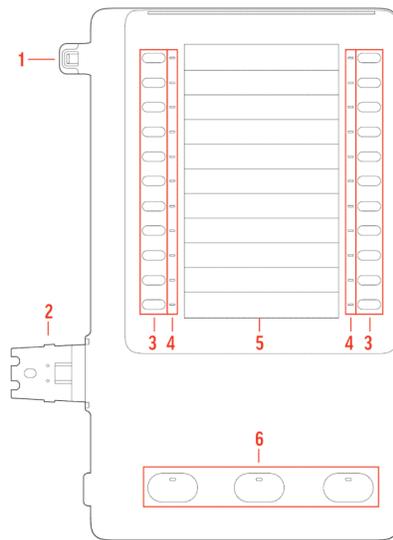
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### E Series Expansion Module

The E Series Expansion Module enables configuration of additional keys on the Edge E450 phone.

Each EM has 22 keys with LED Indicators and 3 Page Keys under the display, allowing you to add up to 66 additional Function keys to your phone ( $3 \times 22 = 66$ ). Please refer to the diagram below.

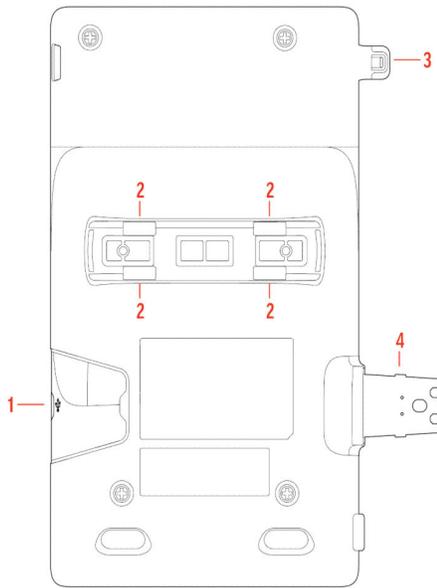


Poly Edge E Series Expansion Module Hardware Descriptions - Front

No.	Feature	Feature Description
1	Alignment tab	When connecting one EM, inserts into the alignment tab slot on the phone. When connecting a second EM on an E500 Series phone, inserts into the alignment tab slot on the first EM.
2	EM connector	Connects the EM to the phone. On an E500 Series phone, also connects a second EM to the first EM.
3	Line keys	Select a phone line, view calls on a line, or quickly call a favorite contact.
4	Line key LED indicators	Indicates a line or busy lamp field contact's status. The following lists the LED Indicator behaviors shown on the expansion modules: <ul style="list-style-type: none"> <li>• <b>Solid Green</b>—Indicates an active call in progress.</li> <li>• <b>Fast-Flashing Green</b>—Indicates an incoming call.</li> <li>• <b>Flashing Green</b>—Indicates the remote party placed the call on hold.</li> <li>• <b>Solid Red</b>—Indicates the phone of a monitored busy lamp field contact is placing a call or is in a call.</li> <li>• <b>Flashing Red</b>—Indicates a held call.</li> <li>• <b>Flashing Green and Red</b>—Indicates the phone of a monitored busy lamp field contact is on an active call or is receiving an incoming call.</li> </ul>
5	Color Display	Displays line numbers, monitored contacts, contacts' presence, and favorites.
6	Page keys	Navigates between pages on the expansion module. <ul style="list-style-type: none"> <li>• <b>Solid Blue</b>—Indicates the current page displayed. If not on the current page, the line appearance on the page is in an active state.</li> <li>• <b>Flashing Blue</b>—Indicates that there is incoming call activity for a line or BLF on the page.</li> </ul>

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**Poly Edge E Series Expansion Module Hardware Descriptions - Back**

No.	Feature	Feature Description
1	USB-C port for E EM or headset connection	You can also connect a USB headset to this port when an EM is connected to an E400 Series phone.
2	Stand or wall mount connection slots	Attach a desk stand or wall mount accessory to the EM.
3	Alignment tab	When connecting one EM, inserts into the alignment tab slot on the phone.
4	EM connector	Connects the EM to the phone.

**Color Display**—Displays Status Connect Monitored Users and local Speed Dial Favorites.

**Base Stand**—Insert into the slot on the back of the EM to stand up the display.

The maximum keys that can be supported by each E450 phone with an expansion module is outlined in the table below:

E Series Model	Line Keys	1 EM	Maximum Programmable Keys*
E450	20	66	86

\*Maximum Programmable keys equals the line keys plus one Expansion Module. Programmable keys can be a combination of line keys (phone dependent), Status Connect Monitored Users (limit 50), and Speed Dial Favorites.



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*Depending on the user's role and use of the EM's, the following configurations are available:*

### Standard Configuration

The standard configuration will automatically assign keys to your phone and EM in the following order:

- Line Keys (includes Primary line, Shared Call Appearances (SCAs), & Secondary Directory Numbers (SDNs))
- Status Connect (SC) Monitored Users
- Speed Dial/Favorites (Directory)

**NOTE:** Please visit the managedIP Hosted support site at <http://support.tdsmanagedip.com> to learn more about monitoring users via the Status Connect feature.

For example, if you have 4 line keys on your E450 phone, 26 Status Connect Monitored Users, and 15 Speed Dial entries, the following configuration will appear on your phone and EM:

Line keys 1 – 4	E450, keys 1 – 4
SC Monitored Users 1 – 4	E450, keys 5 – 8
SC Monitored Users 5 – 26	EM (1), page 1, keys 1 – 22
Speed Dial (1 – 15)	EM (1), page 2, keys 1 – 15

**NOTE:** With the standard configuration, all functions are assigned to consecutive keys. Unassigned keys always appear at the end of your key configuration. The standard configuration is the default, which means no web portal changes are required.



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### APPENDIX - Standard Configuration 1

SC = Status Connect Fav = Favorites Index

#### Key appearances on E450

E450 Standard EM Configuration	Key	Key Function	Key	Key Function
	1	Line Keys	5	Line Keys
	2	Line Keys	6	Line Keys
	3	Line Keys	7	Line Keys
	4	Line Keys	8	Line Keys
	Secondary Display			
	Page 1		Page 2	
	1	FAV-1	7	FAV-7
	2	FAV-2	8	FAV-8
	3	FAV-3	9	FAV-9
	4	FAV-4	10	FAV-10
	5	FAV-5	11	FAV-11
6	FAV-6	12	FAV-12	

#### Key appearances on Expansion Module

Expansion Module 1 - Page 1	Key	Key Function	Key	Key Function	Expansion Module 1 - Page 2	Key	Key Function	Key	Key Function	Expansion Module 1 - Page 3	Key	Key Function	Key	Key Function
	1	SC-1	12	SC-12		23	SC-23	34	SC-34		45	SC-45	56	FAV-6
	2	SC-2	13	SC-13		24	SC-24	35	SC-35		46	SC-46	57	FAV-7
	3	SC-3	14	SC-14		25	SC-25	36	SC-36		47	SC-47	58	FAV-8
	4	SC-4	15	SC-15		26	SC-26	37	SC-37		48	SC-48	59	FAV-9
	5	SC-5	16	SC-16		27	SC-27	38	SC-38		49	SC-49	60	FAV-10
	6	SC-6	17	SC-17		28	SC-28	39	SC-39		50	SC-50	61	FAV-11
	7	SC-7	18	SC-18		29	SC-29	40	SC-40		51	FAV-1	62	FAV-12
	8	SC-8	19	SC-19		30	SC-30	41	SC-41		52	FAV-2	63	FAV-13
	9	SC-9	20	SC-20		31	SC-31	42	SC-42		53	FAV-3	64	FAV-14
	10	SC-10	21	SC-21		32	SC-32	43	SC-43		54	FAV-4	65	FAV-15
11	SC-11	22	SC-22	33	SC-33	44	SC-44	55	FAV-5	66	FAV-16			

### Additional Support

Contact Technical Support at 1-888-850-5915 or visit [support.tdsmanagedip.com/hosted](http://support.tdsmanagedip.com/hosted) for additional resources.

